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Substitute for form 1449A/B/PTO
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

				<i>Complete if Known</i>
Application Number				10/609,503-Conf. #1654
Filing Date				July 1, 2003
First Named Inventor				Yoshinori SHIMIZU
Art Unit				2879
Examiner Name				J. L. Williams
Sheet	1	of	1	Attorney Docket Number
				0020-5146P

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Knd Code ² (if known)			
AN	AA	US-5,700,713-A	12-23-1997	Yamazaki et al.	

FOREIGN PATENT DOCUMENTS

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		Country Code ⁴ -Number ⁵ -Kind Code ⁶ (if known)				

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AN	CA	Branko et al., Development and applications of highbright white LED lamps, November 29, 1996, The 264th Proceedings of the Institute of Phosphor Society. Pages 4-16 of the English translation.	

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Examiner Signature	<i>J. L. Williams</i>	Date Considered	3/28/06
Birch, Stewart, Kolasch & Birch, LLP		ADM/EHC/sld	



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AN	AA	US-6,066,861 A	05/23/2000	Hohn et al.	
AN	AB	US-6,784,511 B1	08/31/2004	Kunihara et al.	
AN	AC	US-5,257,049 A	10-26-1993	Van Peteghem	
AN	AD	US-6,576,930 B2	06-10-2003	Reeh et al.	
AN	AE	US-6,812,500 B2	11-02-2004	Reeh et al.	
AN	AF	US-2001-030326 A1	10-18-2001	Reeh et al.	

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AN	BA	JP11-500584	01/12/1999		
AN	BB	JP49-122292	11/22/1974		Y
AN	BC	JP7-321407	12/08/1995	FUJI ELECTRIC CO LTD.	Y
AN	BD	JP5-226676	03/09/1993	SHARP CORP.	Y
AN	BE	JP6-115158	04/26/1994	AGFA GEVAERT NV	Y
AN	BF	JP07-288341	10/31/1995	NICHIA CHEM IND LTD	Y
AN	BG	JP61-158606	07/18/1986		Y
AN	BH	JP2000-512806	09/26/2000		Y

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AN	CA	Nikkei Sangyo Shin-bun of September 13, 1996			
AN	CB	S. NAKURA et al., "High Quality InGaN Films Grown on GaN Films", Japanese Journal of Applied Physics Part 2, Vol. 31, No. 10B, 1992, pages L1457-1459	10 month		
AN	CC	Mitsubishi Electric Company Technical Report, Vol. 48, No. 9, 1974, pages 1121-1124	10 month		
AN	CD	Proceedings of Illumination National Convention in 1983, page 12	no month		
AN	CE	Phosphor Handbook, 1 st Edition, 1987, pages 233-240 and 275-277	no month		
AN	CF	Journal of the Television Society, Vol. 47, No. 5, 1993, pages 753-764	no month		
AN	CG	R.W.G. HUNT, "Revised Colour-Appearance Model for Related and Unrelated Colours", Color Research & Application, Vol. 16, No. 3, 1991, pages 146-165	no month		
AN	CH	Y. NAYATANI, "Revision of the Chroma and Hue Scales of a Nonlinear Color-Appearance Model", Color Research & Application, Vol. 20, No. 3, June 1995, pages 143-155			
AN	CI	M. IKEDA et al., "Equivalent Lightness of Colored Objects at Illuminances from the Scotopic to the Photopic Level", Color Research & Application, Vol. 14, No. 4, August, 1989, pages 198-206			

Examiner Signature	<i>Joseph W. Williams</i>	Date Considered	3/27/06
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				Filing Date	July 1, 2003
				First Named Inventor	Yoshinori SHIMIZU et al.
				Art Unit	2879
				Examiner Name	J. L. Williams
Sheet	2	of	2	Attorney Docket Number	0020-5146PUS2P

<i>JW</i>	CJ	M. IKEDA et al., "Equivalent Lightness of Colored Objects of Equal Munsell Chroma and of Equal Munsell Value at Various Illuminances", Color Research & Application, Vol. 16, No. 2, April, 1991, pages 72-80	
<i>JW</i>	CK	H. SHINODA et al., "Categorized Color Space on CRT in the Aperture and the Surface Color Mode", Color Research & Application, Vol. 18, No. 5, October, 1993, pages 326-333	
<i>JW</i>	CL	M. IKEDA, "Change of Color Conspicuity for Various Illuminance Levels: Effects of the Purkinje shift", Journal of the Illumination Society, Vol. 71, No. 10, 1987, pages 612-617 And English Abstract no month	

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Examiner Signature	<i>Yoshinori Shimizu</i>	Date Considered	3/28/06
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Birch, Stewart, Kolasch & Birch, LLP

ADM/adt

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Sheet 1 of 1 (1/21/05)

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		ATTY. DOCKET NO. 0020-5146P	APPLICATION NO. 10/609,503				
		APPLICANT Yoshinori SHIMIZU et al.					
		FILING DATE July 1, 2003	GROUP 2879				
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	KIND	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>JW</i>	US 6,004,001	A	1999-12-21	Noll			
	US						
	US						
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	US						
FOREIGN PATENT DOCUMENTS				COUNTRY	CLASS	SUB CLASS	TRANSLATION
Office	DOCUMENT NUMBER	KIND	DATE				YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)							
<i>JW</i>	P. Schlouer et al. "Luminescence Conversion of Blue Light Emitting Diodes", Applied Physics Letter, vol. 46, p. 417-418, February 1997.						
<i>JW</i>	M.F. YAN et al., "Preparation of Y ₃ Al ₅ O ₁₂ -Based Phosphor Powders, J. Electrochem. Soc., Vol. 134, No. 2, Feb. 1987.						
<i>JW</i>	"Proceedings of the Institute of Phosphor Society", Translation of pages 1, 5 to 14 of the 264th Proceedings of the Institute of Phosphor Society, Nov. 29, 1996.						
<i>JW</i>	Shigeo SHIONOYA et al. (editors), "Phosphor Handbook", pp. 505-508, CRC Press, 1999. <i>no month</i>						
<i>JW</i>	E.F. GIBBONS et al., "Some Factors Influencing the Luminous Decay Characteristics of Y ₃ Al ₅ O ₁₂ :Ce ³⁺ ", J. Electrochem. Soc., Vol. 120, No. 6, June 1973.						
<i>JW</i>	D.J. ROBBINS et al., "Lattice Defects and Energy Transfer Phenomena in Y ₃ Al ₅ O ₁₂ :Ce ³⁺ ", pp. 1004-1013, printed June 19, 2001.						
EXAMINER	<i>Dorothy Williams</i>			DATE CONSIDERED	3/28/06		
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Sheet 1 of 1 (4/22/05)

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		APPLICANT Yoshinori SHIMIZU et al.	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	KIND	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
ANW	US 3,875,456		1975-04-01	Kano et al.			
ANW	US 3,510,732		1970-05-05	R.L. Amans			
ANW	US 5,550,657	A	1996-08-27	Tanaka et al.			
ANW	US 5,578,839	A	1996-11-26	Nakamura et al.			
	US						
	US						
	US						
	US						
	US						
	US						

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
ANW	DE	3804293	A1	1989-08-24	GERMANY			Abs	
ANW	JP	06-231605	A	1994-08-19	JAPAN			X w/Abs	
ANW	GB	2 000 173	A	1979-01-04	GREAT BRITIAN			X	
ANW	EP	0 383 215	A	1990-08-22	EUROPE			X	
ANW	DE	9013615	U	1991-01-24	GERMANY				

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER <i>Joseph William</i>	DATE CONSIDERED 3/28/06
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				Examiner Name	J. L. Williams
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Birch, Stewart, Kolasch & Birch, LLP

ADM/EHC/sid



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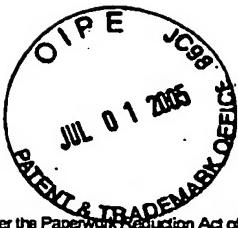
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AN	AD	US-6,576,930 B2	06-10-2003	Reeh et al.	
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AN	BB	JP49-122292	11/22/1974		Y
AN	BC	JP7-321407	12/08/1995	FUJI ELECTRIC CO LTD.	Y
AN	BD	JP5-226676	03/09/1993	SHARP CORP.	Y
AN	BE	JP6-115158	04/26/1994	AGFA GEVAERT NV	Y
AN	BF	JP07-288341	10/31/1995	NICHIA CHEM IND LTD	Y
AN	BG	JP61-158606	07/18/1986		Y
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AN	CC	Mitsubishi Electric Company Technical Report, Vol. 48, No. 9, 1974, pages 1121-1124			
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